



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Sunday, September 2, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Today

- Heavy rain/flash flooding possible across **SW LA**, spreading into **SE TX** late tonight into Monday morning.
- Some isolated heavy rain possible over **W TX** and **S NM** later today.

Monday

- Heavy rain/flash flooding possible over portions of **W TX**.
- Some isolated heavy rain remains possible over **SE TX & SW LA**.

Tuesday

- Heavy rain/flash flooding remains possible over **W TX** and into **W OK** as well.
- Tropical wave will be moving into the eastern **Gulf of Mexico** and towards the **Central Gulf Coast**; development into a Tropical Depression is possible.
- Regardless of tropical development, heavy rain is likely over the **Central Gulf Coast** beginning Tuesday.

Wednesday - Thursday

- Heavy rainfall is likely to continue over **S LA** and into portions of **SE TX** as tropical moisture remains over the area.
- Some threat of heavy rain looks to also remain over **W OK** and **W TX** during this period.

Tropical Outlook

- A tropical wave is currently located over the **SE & Central Bahamas**. Little development is expected in the next day or so as it moves **W-NW** towards the **FL Keys**, but a tropical depression could form over the eastern and central **Gulf of Mexico** by Tuesday or Wednesday.
 - Formation chances in next 48 hours...medium...50%
 - Formation chances in 5 days...high...80%
- **Tropical Storm Florence** is about **480 miles WNW** of the southernmost **Cabo Verde Islands**.
 - Estimated maximum sustained winds are **60mph**, and Florence is expected to continue a **WNW** movement over the next week.

FEMA Region 6 Threat Matrix

Sept 2, 2018 – Sept 6, 2018



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DAY / THREAT	SUN	MON	TUE	WED	THU
Severe Storms					
Heavy Rain / Flash Flooding	SW LA, SETX (Late)	WTX	SE LA	S LA	LA, SETX
	WTX, S NM	SETX, SW LA	WTX, W OK		
Excessive Heat					
Fire Weather					
Tropical Weather			SE LA	S LA	S LA

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

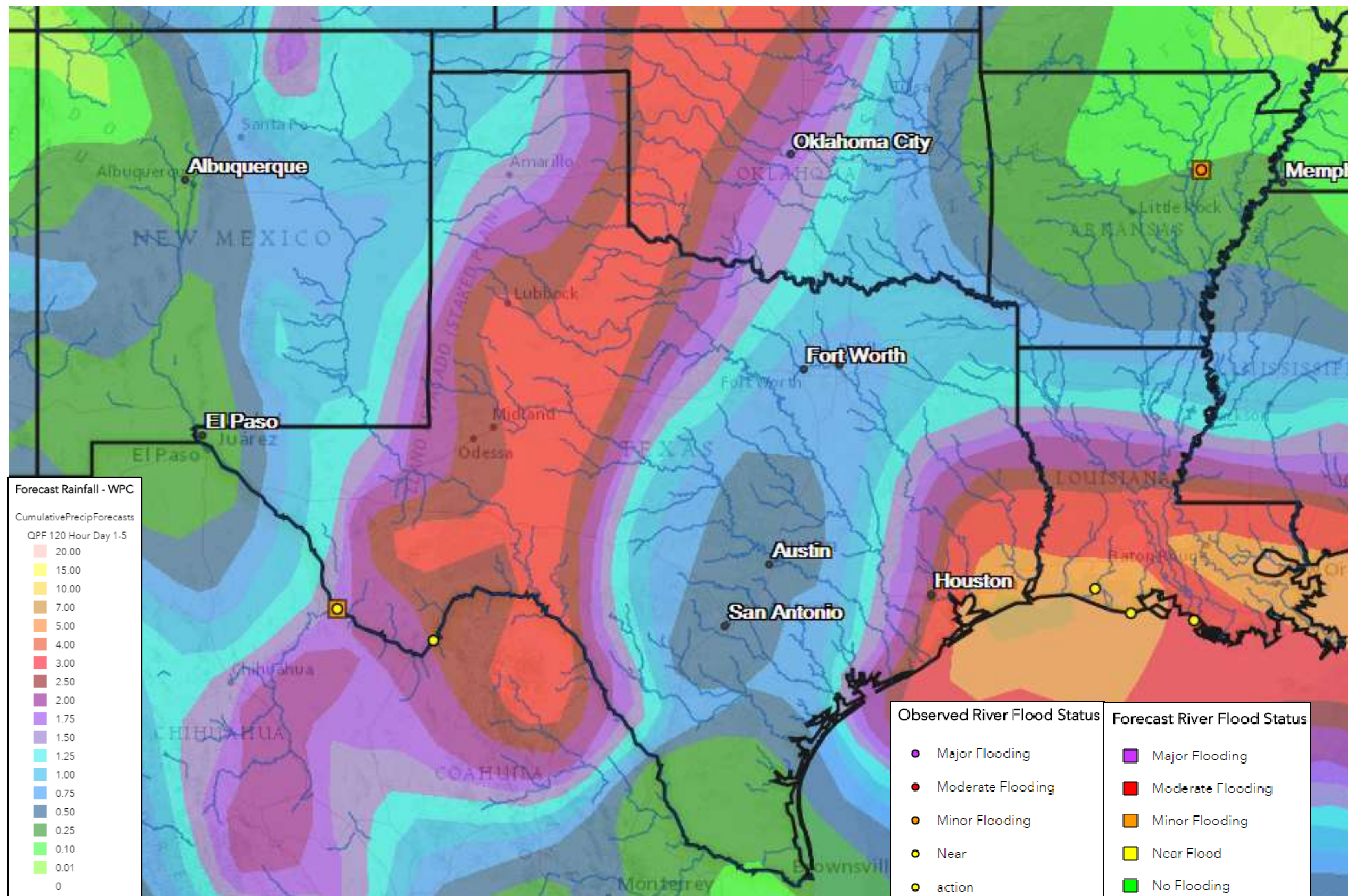
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



Minor flooding continues on the Cache River in AR for the upcoming week.

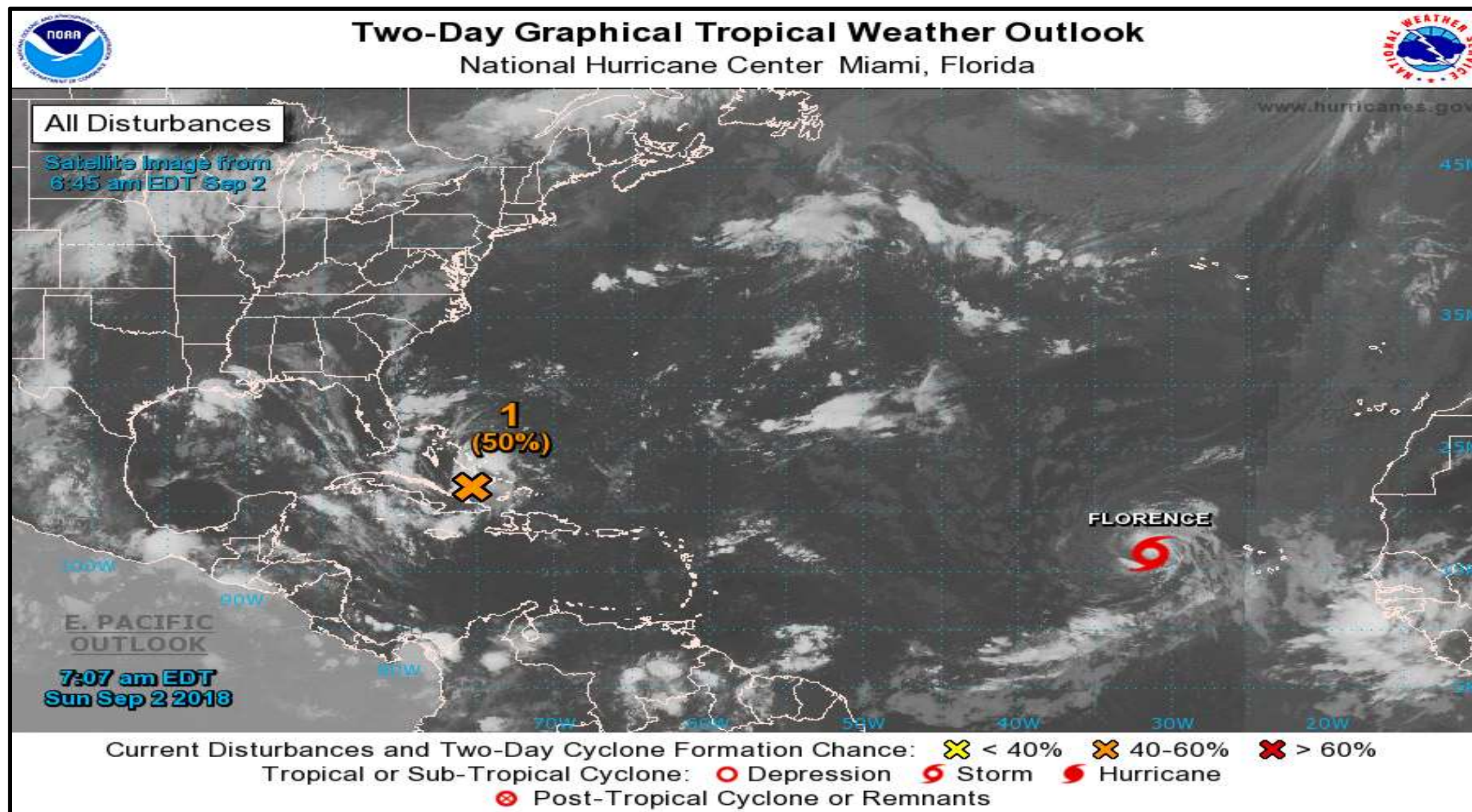
Rainfall in W OK and W TX is mostly expected Tuesday through Thursday. A few isolated locations may see some minor river flooding, but widespread river flooding is not expected.

A tropical wave (or possibly a tropical depression) is expected to move into the eastern Gulf on Monday and head towards the central Gulf Coast on Tuesday. This is likely to bring heavy rain to S LA by midweek. Some minor river flooding will be possible, depending on the track and eventual development of this system.

Tropical Weather Outlook – Atlantic/Gulf



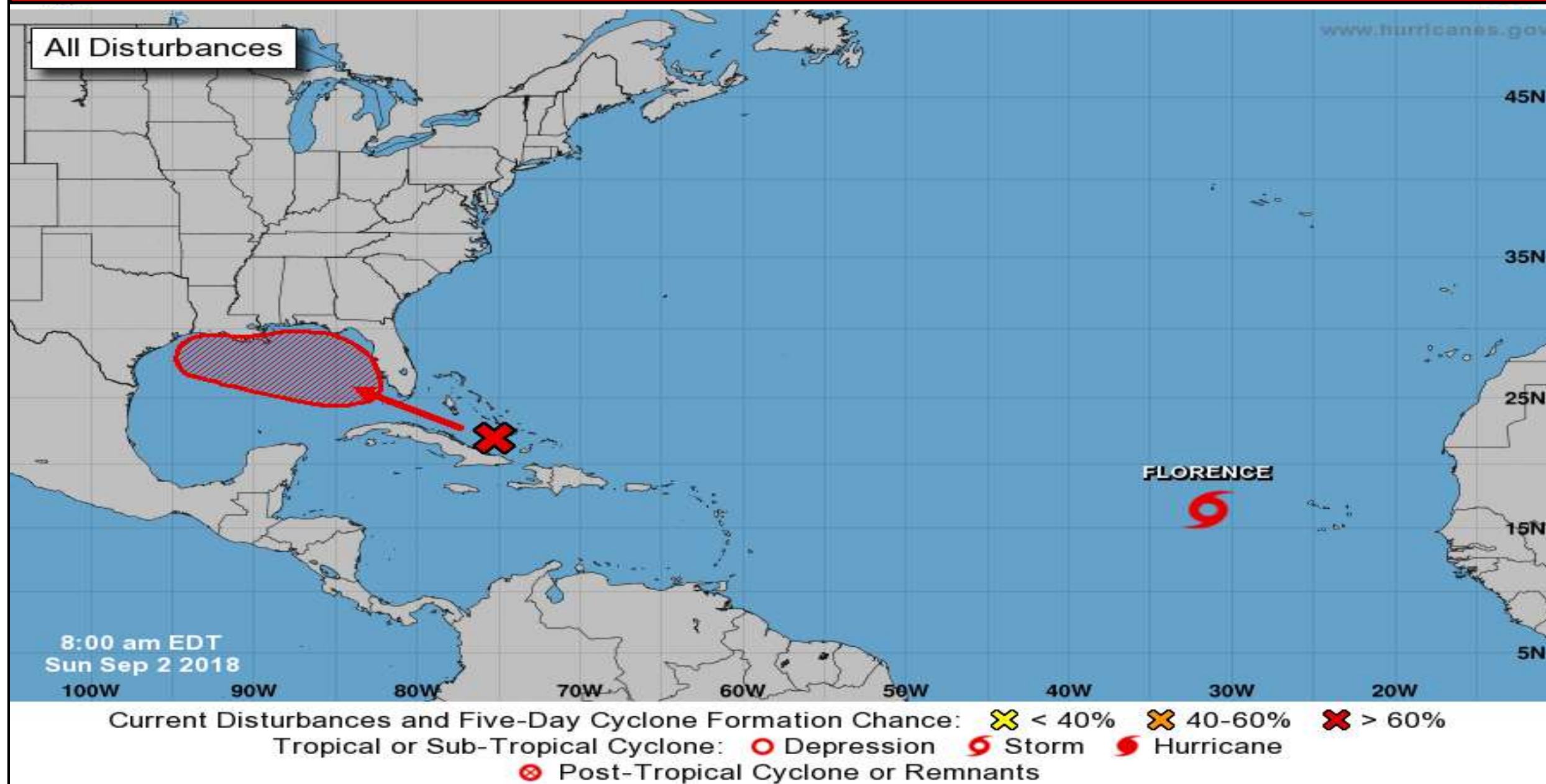
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A tropical wave is currently located over the SE & Central Bahamas. Little development is expected in the next day or so as it moves W-NW towards the FL Keys, but a tropical depression could form over the eastern and central Gulf of Mexico by Tuesday or Wednesday.

Formation chance through 48 hours...medium...50%.

Formation chance through 5 days...high...80%.

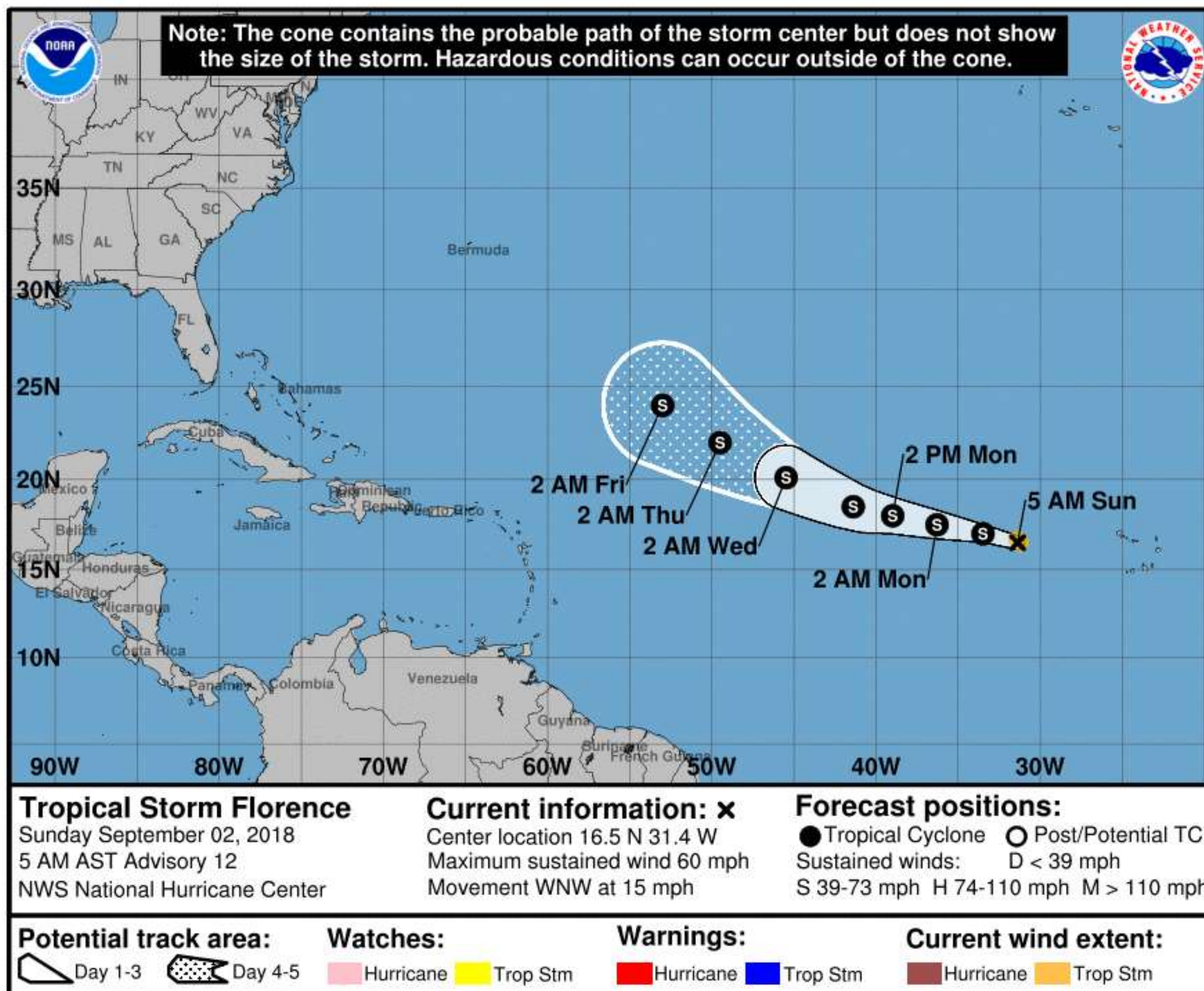


See next slide for more information on Tropical Storm Florence.

Tropical Storm Florence



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Tropical Storm Florence is about 480 miles WNW of the southernmost Cabo Verde Islands.

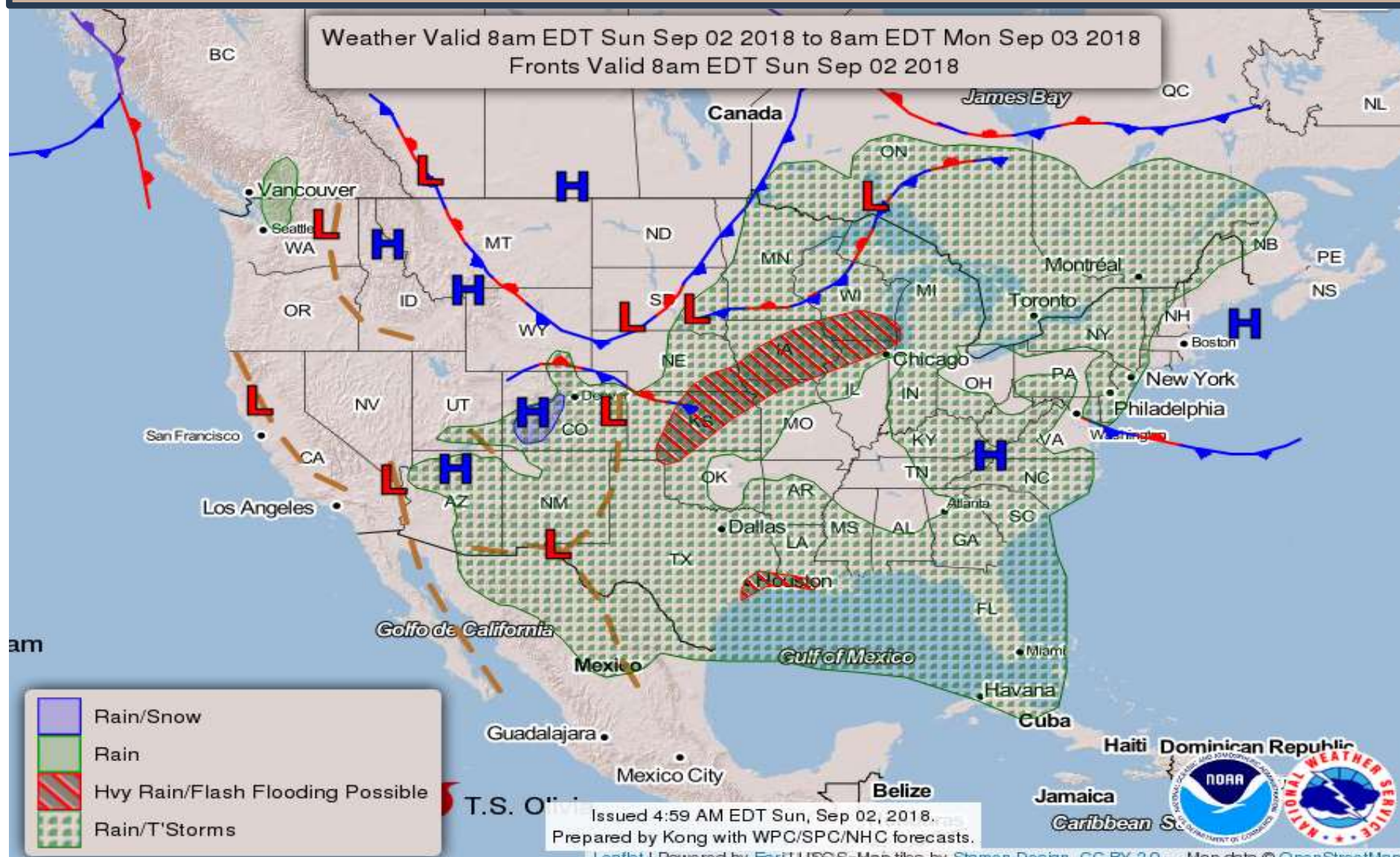
Estimated maximum sustained winds are 60mph, and Florence is expected to continue a WNW movement over the next week.

Today's Weather

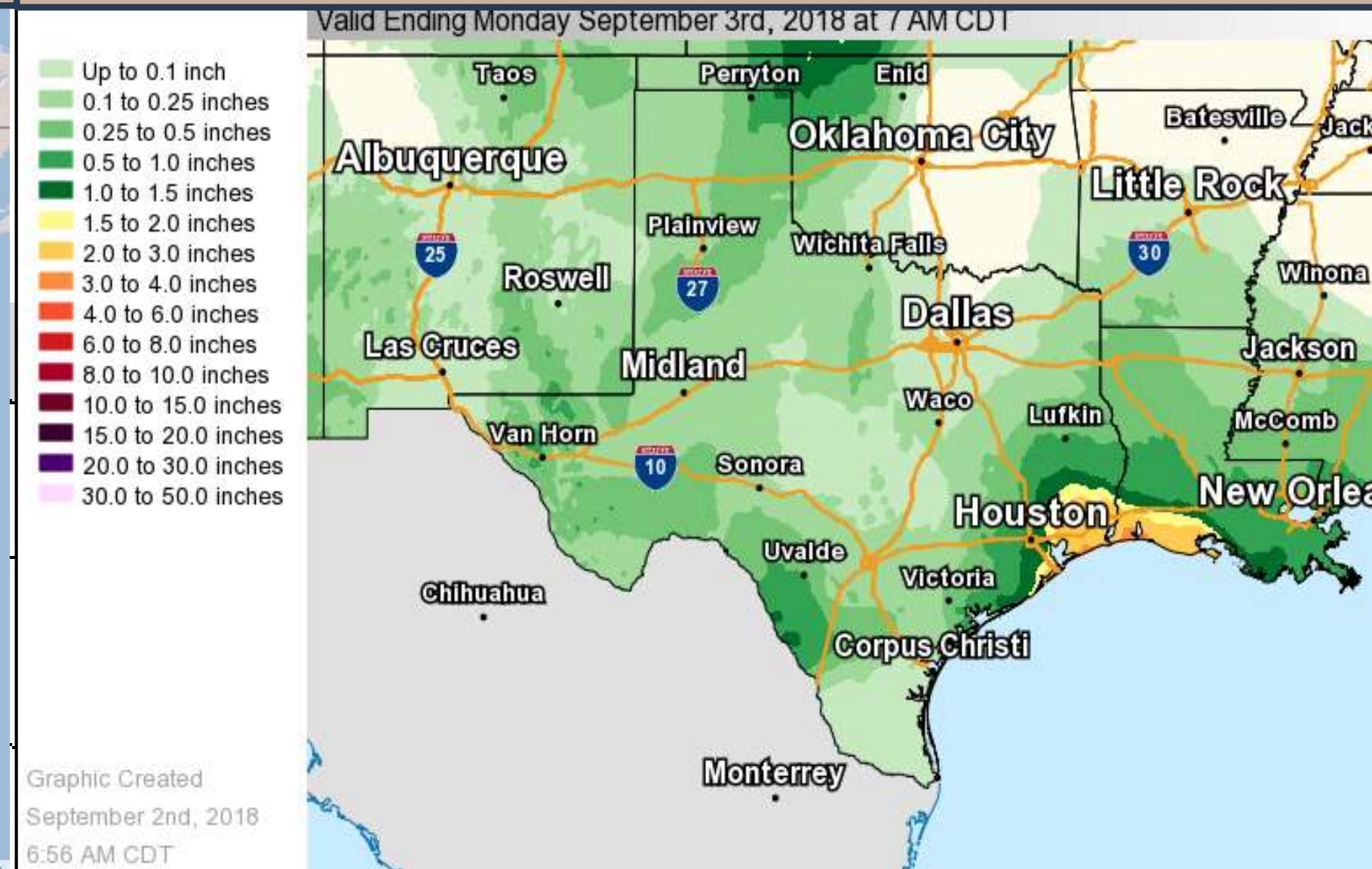


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Forecast Chart



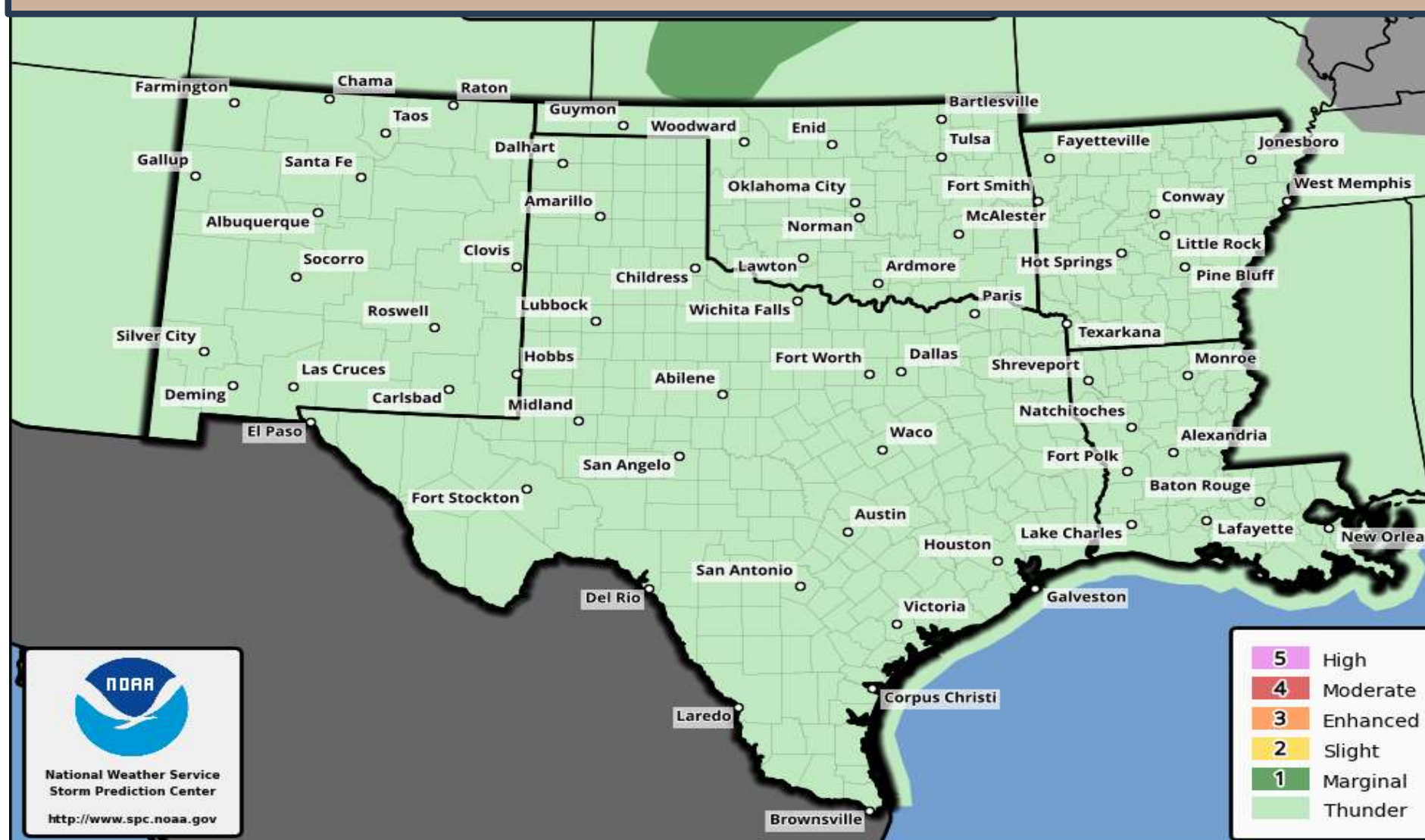
Forecast Rainfall



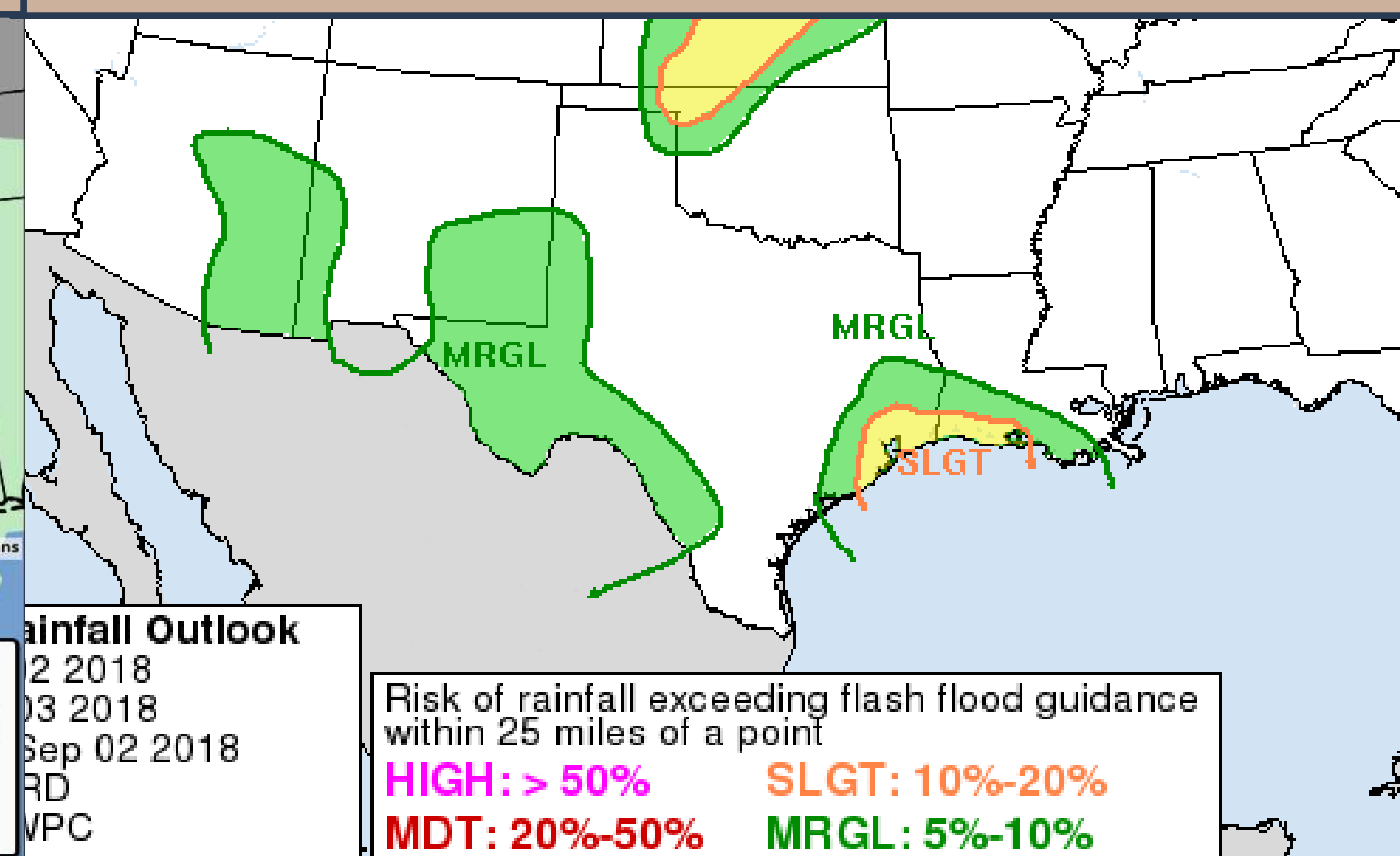
Heavy rain/flash flooding possible over SW LA, spreading into SE TX late tonight through Monday morning.

**Some isolated heavy rainfall
also possible over W TX
and S NM later today.**

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



Graphic Created

Flash Flood Watch in effect for SW LA today; Coastal Flood Advisories in effect for SE LA today.

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

Heavy rain/flash flooding
possible over portions of
WTX.

Some isolated heavy rainfall
also possible over **SE TX**
and **SW LA.**

Severe Weather Outlook

Excessive Rainfall Outlook

Tuesday's Weather



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Forecast Chart

Forecast Rainfall

Heavy rain/flash flooding remains possible over W TX and into W OK as well.

Tropical wave will be moving into the eastern Gulf of Mexico and towards the Central Gulf Coast; development into a Tropical Depression is possible.

Regardless of tropical development, heavy rain is likely over the Central Gulf Coast beginning Tuesday.

Severe Weather Outlook

Excessive Rainfall Outlook

Rainfall Outlook

4 2018
05 2018
Sep 02 2018

WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point

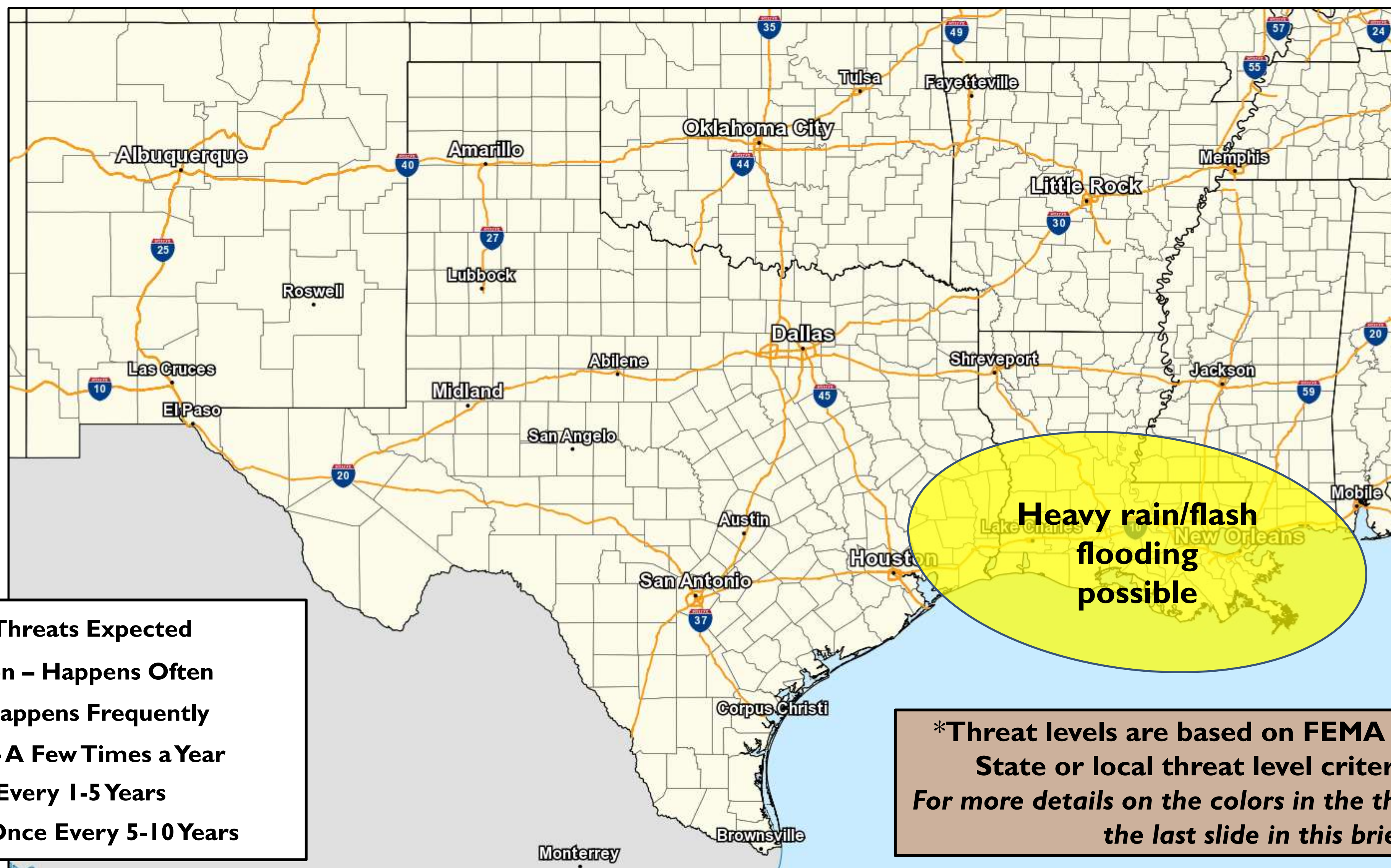
HIGH: > 50% **SLGT: 10%-20%**
MDT: 20%-50% **MRGL: 5%-10%**

Days 4-5 Weather Hazards

Wednesday - Thursday



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- No Weather Threats Expected
- Very Common – Happens Often
- Common – Happens Frequently
- Uncommon – A Few Times a Year
- Rare – Once Every 1-5 Years
- Very Rare – Once Every 5-10 Years

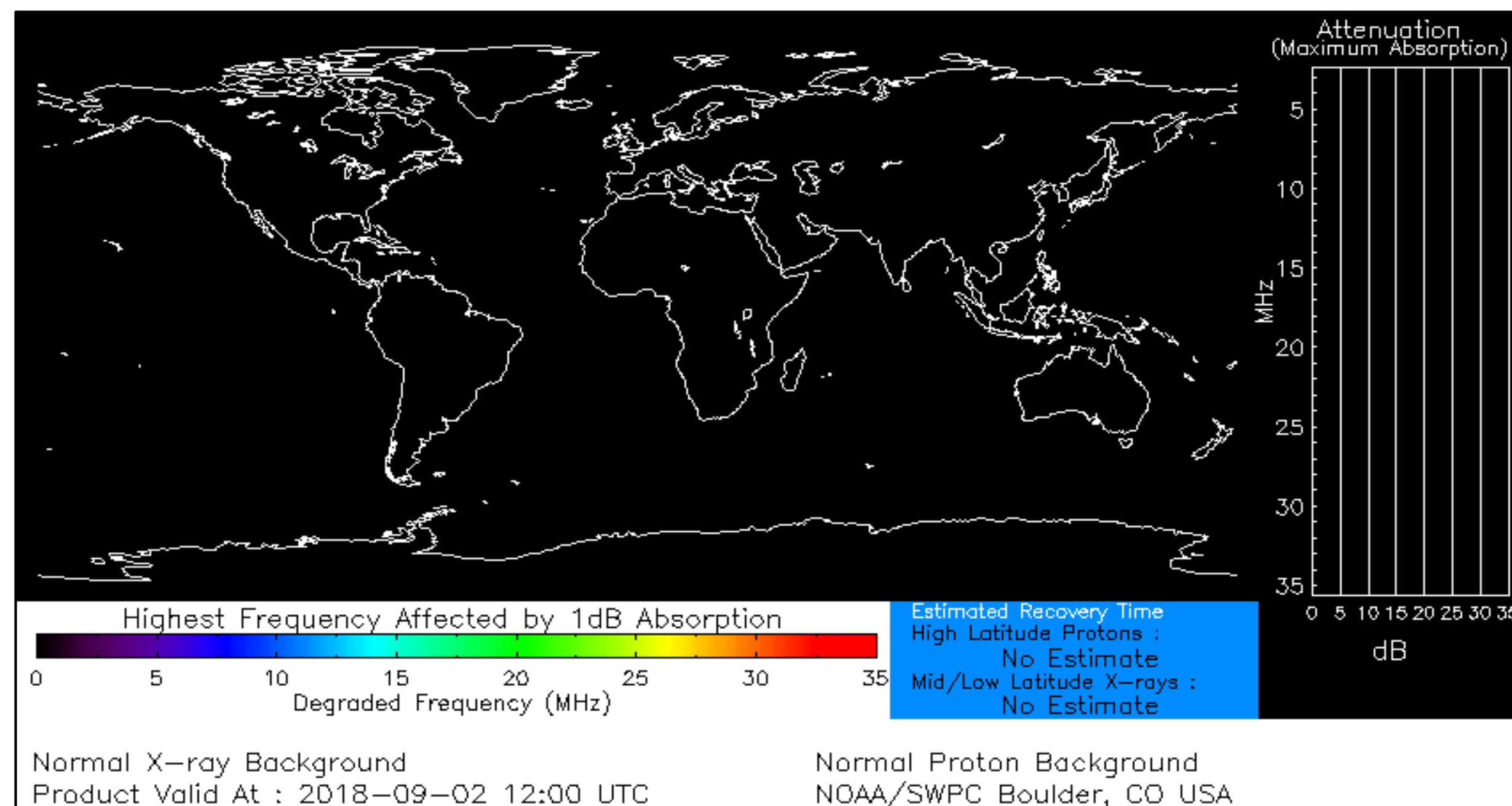
**Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.*
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Space Weather 3-Day Forecast



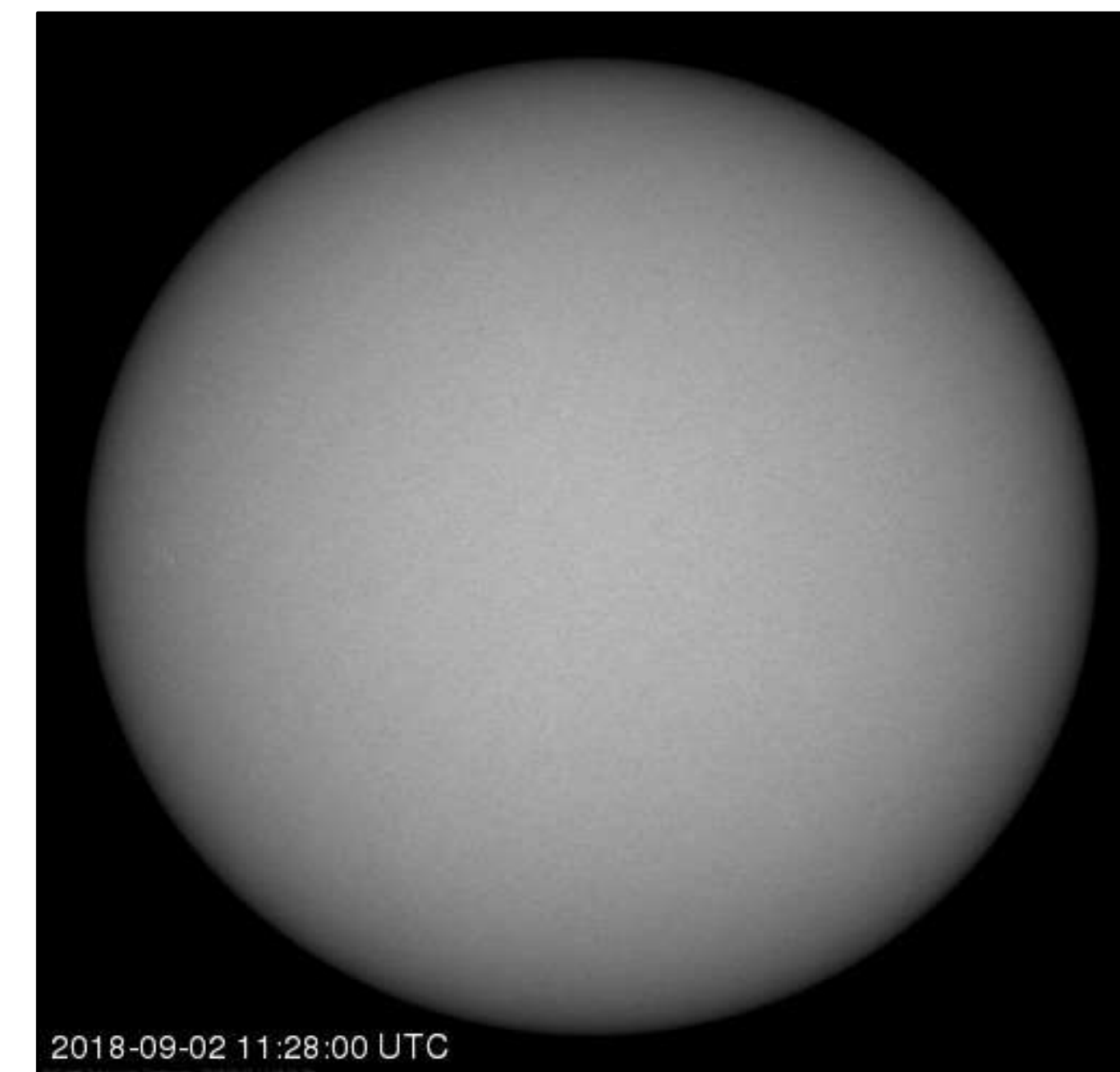
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	Sunday	Monday	Tuesday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov